

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A ~~printer-printing system combining-comprising:~~
a host operable to output print data compatible with at least one of a plurality of different
printer languages;
~~a printer device and at least one~~ a data processing device comprising;
a plurality of wherein said data processing device comprises:
intermediate code generating means for generating generators, at least one being operable
to generate an intermediate code compatible with the print data by performing a language
analysis of the print data; and
~~at least one~~ a plurality of intermediate code rasterizing means for respectively rasterizing
~~said the~~ generated intermediate code into print image information; and
a; and
~~wherein said printer device comprises~~ comprising printing means for controlling the print
image information rasterized by the intermediate code rasterizing means to be stored in a
prescribed storage area of said printer device, and printing on the basis of said stored print image
information.

2. (currently amended): A ~~printer-printing system according to Claim 1, wherein said~~
~~printer device comprises~~ comprising a printer, wherein the printer receives print data and
comprises:

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~~at least one~~ a plurality of intermediate code generators, at least one being operable to generate intermediate code compatible with the print data by performing language analysis of the print data; and

~~at least one~~ a plurality of intermediate code rasterizing means for rasterizing said generated intermediate code into print image information, ~~and~~

wherein the at least one intermediate code ~~generating means~~ generator of said data processing device is capable of analyzing the operable to process print data described in a language not corresponding to the intermediate code generating means of said printer any one or more of a plurality of different printer languages ~~device~~.

3. (currently amended): A printing system according to claim 2, wherein said printer further comprises determination means for determining which one of the plurality of different printer languages the input print data corresponds to, selecting a particular intermediate code generator on the basis of the determination result, and delivering the print data to the selected intermediate code generator.

4. (original): A printing system according to any one of Claims 1 to 3, ~~wherein the intermediate code generator generates an intermediate code and outputs identification information corresponding to the intermediate code to said printer, and~~

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wherein said printer selects a particular intermediate code rasterizing means on the basis of intermediate code identification information input from the intermediate code generator, and controls print image information rasterized by said selected intermediate code rasterizing means.

5. (currently amended): A ~~printer~~printing system according to Claim 4, wherein said ~~printing means~~printer stores the corresponding relation between intermediate code identification information and the intermediate code rasterizing means, and selects an intermediate code rasterizing means with reference to the corresponding relation.

6. (currently amended): A ~~printer~~printing system according to Claim 4, wherein said intermediate code identification information includes address information for calling the corresponding intermediate code rasterizing means.

7. (currently amended): A ~~printer~~printing system according to Claim 4, wherein said intermediate code ~~generating means~~generator further outputs information of bandwidth and bandheight compatible with an intermediate code ~~(or language)~~, and wherein said ~~printing means~~printer restructures said ~~prescribed~~ storage area on the basis of information of bandwidth and bandheight input through the intermediate code ~~generating means~~generator, and controls said rasterized print image information to be stored in said prescribed storage area restructured in band units.

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8. (currently amended): A printer device, comprising:

determination means for determining the type of language of the input print data,
selecting from a plurality of intermediate code generating means on the basis of the
determination result, and delivering said print data to said selected intermediate code generating
means, and

printing means for controlling print image information rasterized by intermediate code
rasterizing means to be stored in a prescribed storage area of said printer device, and printing on
the basis of said stored print image information.

9. (currently amended): A printer device according to Claim 8, wherein said printing
means selects from a plurality of ~~an~~ intermediate code rasterizing means on the basis of
intermediate code identification information input from said selected intermediate code
generating means.

10. (original): A printer device according to Claim 9, wherein said printing means stores
the corresponding relation between intermediate code identification information and intermediate
code rasterizing means, and selects the intermediate code rasterizing means with reference to the
corresponding relation.

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11. (original): A printer device according to Claim 9, wherein said intermediate code identification information includes address information for calling the corresponding intermediate code rasterizing means.

12. (currently amended): A printer device according to any one of Claims 8 to 11, wherein said printing means restructures said bandwidth and bandheight which ~~complys~~ comply with each intermediate code ~~(or language)~~, and controls said rasterized print image information to be stored in said prescribed storage area restructured in band units.

13. (currently amended): A data processing device to be used in combination with a printer device, comprising:

a plurality of intermediate code generating means for generating ~~the~~ intermediate code compatible with ~~the~~ print data by performing language analysis of the print data, and

intermediate code rasterizing means for rasterizing ~~said~~ corresponding generated intermediate code from a selected one of said intermediate code generating means into print image information, ~~and~~

wherein the intermediate code generating means of said data processing device other than the selected intermediate code generating means ~~are~~ is capable of analyzing ~~the~~ print data described in a language not solely compatible with said printer device.

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14. (currently amended): A data processing device according to Claim 13, wherein the intermediate code generating means of said data processing device generates intermediate code as well as outputs identification information of the intermediate code to said printer device.

15. (original): A data processing device according to Claim 14, wherein said intermediate code identification information includes address information for calling the compatible intermediate code rasterizing means.

16. (original): A data processing device according to any one of Claims 13 to 15, wherein intermediate code generating means of said data processing device further outputs information of bandwidth and bandheight compatible with the intermediate code (or language) to said printer device.

17. (original): A printing method to be used in a printer system combining a printer device and a data processing device, comprising:

a determination step for determining the type of language of input print data, selecting an intermediate code generating means on the basis of the determination result, and delivering said print data to said selected intermediate code generating means, in said printer device; and

an intermediate code generating step for generating the intermediate code compatible with the print data by performing language analysis of print data, and outputting the intermediate code identification information, in an

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intermediate code generating means of said printer device or an intermediate code generating means of said data processing device; and

a print control step for selecting an intermediate code rasterizing means on the basis of intermediate code identification information input from the intermediate code generating means, controlling print image information rasterized by said selected intermediate code rasterizing means to be stored in a prescribed storage area of said printer device, and printing on the basis of said stored print image information, in said printer device.

18. (original): A printing method according to Claim 17 using the data processing device comprising the intermediate code generating means, wherein the intermediate code of said data processing device is capable of analyzing the print data described in a language not corresponding to the intermediate code generating means of said printer device.

19. (original): A printing method according to Claim 17, wherein said print control step selects an intermediate code rasterizing means with reference to the corresponding relation between intermediate code identification information and the intermediate code rasterizing means.

20. (original): A computer readable storage medium storing a program for making a computer execute the printing method according to any one of Claims 17 to 19.